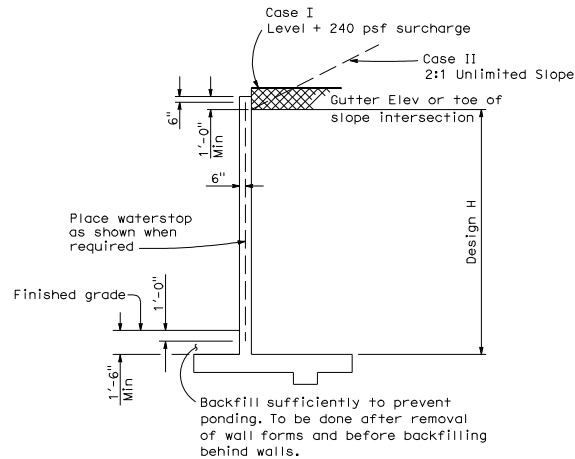
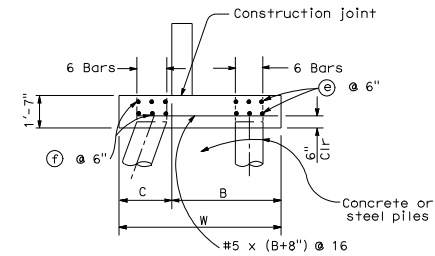


SPREAD FOOTING SECTION

Place concrete in toe, against undisturbed material, except as permitted by the Engineer.



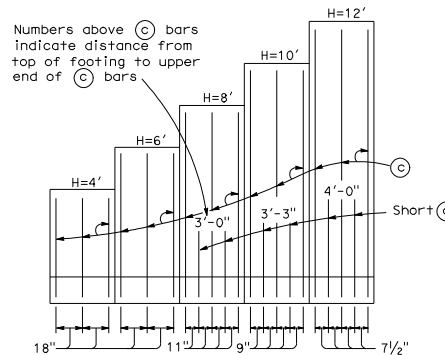
DESIGN



90 KIP PILE FOOTING SECTION

Reinforcement detailed is to be placed in addition to that shown for spread footing. All piles not shown, see Pile Layout on other sheets. For pile footing for Design H=4' use same footing dimensions as for Design H=6'.

TABLE OF REINFORCING STEEL, DIMENSIONS AND DATA					
Design H	4'	6'	8'	10'	12'
W	3'-2"	4'-2"	5'-2"	6'-2"	7'-2"
C	1'-0"	1'-4"	1'-8"	2'-0"	2'-4"
B	2'-2"	2'-10"	3'-6"	4'-2"	4'-10"
(C) bars	#5 @ 16	#5 @ 16	#5 @ 8	#6 @ 8	#8 @ 8
(d) bars	#5 @ 16	#5 @ 16	#5 @ 16	#5 @ 8	#6 @ 8
Total (e) bars	6-#6	6-#6	6-#6	6-#8	6-#8
Total (f) bars	—	—	—	6-#6	6-#6
Case I-Toe Press. ksf	1.6	2.0	2.3	2.6	2.8
Case II-Toe Press. ksf	1.0	1.5	1.9	2.3	2.7



ELEVATION

NOTES:

- Retaining Wall Type 1A designed for Design Loading Cases I and II only.
- For design notes, drainage notes and other details, see (B3-8).
- For wall stem joint details, see (B0-3/3-3) and (B0-3/3-4).
- At (C) and Short (C) bars:
 $H < 6'$, no splices are allowed within 1'-8" above the top of footing.
 $H > 6'$, no splices are allowed within $H/4$ above the top of footing.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**RETAINING WALL
TYPE 1A**
NO SCALE

B3-3

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<p><i>Overcome & Son</i> REGISTERED CIVIL ENGINEER</p> <p>May 1, 2006 PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p> <p>To get to the Caltrans web site, go to: http://www.dot.ca.gov</p>					
<p>REGISTERED PROFESSIONAL ENGINEER Overcome & Son No. C45803 Exp. 12-31-06 CIVIL STATE OF CALIFORNIA</p>					